

Environmental Assessment for HUD-funded Proposals

Recommended format per 24 CFR 58.36, revised February 2004
[Previously recommended EA formats are obsolete].

Project Identification: Nunapitchuk Health Clinic

Preparer: E. Pensgard/ Angie Whitman

Responsible Entity: City of Nunapitchuk

Month/Year: April, 2005/ August 7, 2008

Environmental Assessment

Responsible Entity: City of Nunapitchuk
[24 CFR 58.2(a)(7)]

Certifying Officer: Mayor, Steven Alexie, Sr.
[24 CFR 58.2(a)(2)]

Project Name: Nunapitchuk Health Clinic

Project Location: Commencing at corner No. 5 U.S. Survey No. 4049, being monumented by a BLM brass cap monument; thence N25°14' E 301.67 ft. to corner No. 4 of said survey being monumented by a BLM brass cap monument; thence S21° 39' 48" E 129.18 feet to the point of beginning; thence N26°12' 36" E 397.01 feet; thence N63° 47' 34" W 357.96 feet to the point of beginning, containing 3.061 acres, in Nunapitchuk, AK.

Estimated total project cost:
\$1,928,475

Grant Recipient: City of Nunapitchuk
[24 CFR 58.2(a)(5)]

Recipient Address: P.O. Box 190
Nunapitchuk, AK 99641

Project Representative: Ms. Roberta Nick

Telephone Number: (907) 527-5327

Conditions for Approval: (List all mitigation measures adopted by the responsible entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts and other relevant documents as requirements). [24 CFR 58.40(d), 40 CFR 1505.2(c)]

Elevate lowest floor of the building at or above BFE. Recommended level is to 92.8 – one foot above the Base flood elevation. Submit elevation certificate to the state's floodplain manager once building is complete.

FINDING: [58.40(g)]

☒ **Finding of No Significant Impact**

(The project will not result in a significant impact on the quality of the human environment.)

☐ **Finding of Significant Impact**

(The project may significantly affect the quality of the human environment.)

Preparer Signature:



Date: August 7, 2008

Name/Title/Agency: Angeline Whitman, Project Development Technician, Yukon-Kuskokwim Health Corporation

RE Approving Official Signature:

Date:

Name/Title/ Agency: Steven Alexie, Sr, Mayor, City of Nunapitchuk

Statement of Purpose and Need for the Proposal: [40 CFR 1508.9(b)]

Construction of a new 3180 square foot health clinic facility.

Description of the Proposal: Include all contemplated actions which logically are either geographically or functionally a composite part of the project, regardless of the source of funding. [24 CFR 58.32, 40 CFR 1508.25]

The new clinic will be built on flat ground on top of steel piling. The clinic will be on a flush and haul system. Power will be generated by the existing electrical generator.

Existing Conditions and Trends: Describe the existing conditions of the project area and its surroundings, and trends likely to continue in the absence of the project. [24 CFR 58.40(a)]

The planned clinic will be located on the west side of the village, near the high school. The location has plenty of room for expansion. Access to boardwalks, and access to utility service lines are present.

Statutory Checklist

[24CFR §58.5]

Record the determinations made regarding each listed statute, executive order or regulation. Provide appropriate source documentation. [Note reviews or consultations completed as well as any applicable permits or approvals obtained or required. Note dates of contact or page references]. Provide compliance or consistency documentation. Attach additional material as appropriate. Note conditions, attenuation or mitigation measures required.

Factors	Determination and Compliance Documentation
Historic Preservation [36 CFR 800]	√ Letter out 4-11-05. No historic properties affected. See letter dated 6-1-05 in files. Judith E. Bittner, State Historic Preservation Officer.
Floodplain Management [24 CFR 55, Executive Order 11988]	√ Letter out 4-11-05. New construction must elevate lowest floor level above BFE at least 1 foot. 92.8. Forward copy of elevation certificate to St. Floodplain Manager.
Wetlands Protection [Executive Order 11990]	√ Letter out 4-11-05. O.K. to construct under GP #89-03N. See letter dated 4-22-05
Coastal Zone Management Act [Sections 307(c),(d)]	CPQ sent 4-13-05. ACMP Review not required. See letter in file 5-17-05. State of Alaska, Office of Project Management and Permitting, Alaska Coastal Management Program.
Sole Source Aquifers [40 CFR 149]	See notice in file. There are no sole source aquifers in Alaska. Todd Bender, EPA
Endangered Species Act [50 CFR 402]	√ Letter out 4-11-05. No endangered species. See letter dated 4-11-05 in files. Charla Sterne, Endangered Species Biologist, U.S. Fish and Wildlife Service Office.
Wild and Scenic Rivers Act [Sections 7 (b), (c)]	√ Statement faxed 4-13-05, Rec'd 4-13-05 from Nunapitchuk. Local knowledgeable public official.
Air Quality [Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93]	√ Letter out 4-10-05. Alaska has no carbon monoxide nonattainment areas – see files.
Farmland Protection Policy Act [7 CFR 658]	See notice in file. No farmlands of statewide importance have been designated in Alaska. Alaska Natural Resources Conservation Service.
Environmental Justice [Executive Order 12898]	√ Letter out 4-13-05. Letter in file.

HUD Environmental Standards	Determination and Compliance Documentation
Noise Abatement and Control [24 CFR 51 B]	√ Memo out 4-13-05. Rec'd 4-13-05 from Nunapitchuk knowledgeable local public official.
Toxic/Hazardous/Radioactive Materials, Contamination, Chemicals or Gases [24 CFR 58.5(i)(2)]	√ Memo out 4-13-05. Rec'd 4-13-05 from Nunapitchuk knowledgeable local public official.

Siting of HUD-Assisted Projects near Hazardous Operations [24 CFR 51 C]	√ Letter out 4-13-05. See Nunapitchuk letter in file.
Airport Clear Zones and Accident Potential Zones [24 CFR 51 D]	Letter sent 4-14-05/ 4-19-05. No hazard to air navigation. See letter in file dated 4-29-05. Robert Van Haastert, Federal Aviation Administration.

Environmental Assessment Checklist

[Environmental Review Guide HUD CPD 782, 24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27]

Evaluate the significance of the effects of the proposal on the character, features and resources of the project area. Enter relevant base data and verifiable source documentation to support the finding. Then enter the appropriate impact code from the following list to make a determination of impact. **Impact Codes:** (1) - No impact anticipated; (2) - Potentially beneficial; (3) - Potentially adverse; (4) - Requires mitigation; (5) - Requires project modification. Note names, dates of contact, telephone numbers and page references. Attach additional material as appropriate. Note conditions or mitigation measures required.

Land Development	Code	Source or Documentation
Conformance with Comprehensive Plans and Zoning	1	No land use plans or zoning in the community.
Compatibility and Urban Impact	1	The selected site is on the west side of the village near the high school, and is compatible with surrounding land uses.
Slope	1	Site is flat land, no slope.
Erosion	1	No evidence of erosion in the area.
Soil Suitability	1	Soil suitable, tundra and building will be placed on piling.
Hazards and Nuisances including Site Safety	1	No hazards have been identified in the area.
Energy Consumption	1	Existing local generator will be utilized.
Noise - Contribution to Community Noise Levels		
	1	Will not contribute excessive noise. Airfield is almost a half-mile from this location
Air Quality		
Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels	1	No carbon dioxide. Nonattainment is ok. EPA Air Data, Nonattainment Areas Map – Criteria Air Pollutants
Environmental Design		
Visual Quality - Coherence, Diversity, Compatible Use and Scale	1	Conforms with current buildings, adjacent head start facility.
Socioeconomic		
Demographic Character Changes	1	No demographic or character changes. Site location adjacent Head Start Facility, no demolition involved.
Displacement	1	No displacement. Existing site is vacant,
Employment and Income Patterns	1	Employment patterns will not be affected.

Community Facilities and Services	Code	Source or Documentation
Educational Facilities	1	Site will have no impact on educational facilities.
Commercial Facilities	1	Site will not impact area businesses.
Health Care	2	New health care facilities will be beneficial to community.
Social Services	1	Site is not expected to impact social services in the community.
Solid Waste	1	Lynn Marino, Village Safe Water Program, two lagoons in community will be adequate to serve community for several years.
Waste Water	1	William R. Reith, Wastewater Program, State of Alaska, no permit necessary, wastewater will be disposed of in manner consistent with current disposal methods in community.
Storm Water	1	Drainage will properly be managed.
Water Supply	1	Current water supply sufficient to accommodate new clinic.
Public Safety - Police	1	Response time to the facility is within the community footprint.
- Fire	1	Response time is within the community footprint.
- Emergency Medical	2	New facilities will be better equipped to handle medical emergencies in the community.
Open Space and Recreation - Open Space	1	No adverse impact to effect open spaces.
- Recreation	1	Project site not used for recreation.
- Cultural Facilities	1	Site will not be used for cultural activities.
Transportation	1	Site is centrally located within the community, easily accessible by the community members.

Natural Features		Source or Documentation
Water Resources	1	Project will not contribute to water pollution. Will be in compliance with DEC Standards. Also will utilize the communities current water and sewer services system.
Surface Water	1	No increase runoff anticipated which will cause adverse impact.
Unique Natural Features and Agricultural Lands	1	There are no unique natural features or prime farmlands in the area.
Vegetation and Wildlife	1	There will be no adverse impact, within footprint boundary of community.

Other Factors		Source or Documentation
Flood Disaster Protection Act [Flood Insurance] [§58.6(a)]	1	Build above 92.8, Base Flood Elevation is 91.8. Taunnie L. Boothby, Planner, Floodplain Management Programs. See attached dated April 19, 2005
Coastal Barrier Resources Act/ Coastal Barrier Improvement Act [§58.6(c)]	1	ACMP review not required. State of Alaska, Department of Natural Resources, Office of Project Management and Permitting Alaska Coastal Management Program. See attached dated May 17, 2005.
Airport Runway Clear Zone or Clear Zone Disclosure [§58.6(d)]	1	Facility is not within clear zone, no military clear zone either.
Other Factors		

Summary of Findings and Conclusions

Finding of No Significant Impact.

ALTERNATIVES TO THE PROPOSED ACTION

Alternatives and Project Modifications Considered [24 CFR 58.40(e), Ref. 40 CFR 1508.9]
(Identify other reasonable courses of action that were considered and not selected, such as other sites, design modifications, or other uses of the subject site. Describe the benefits and adverse impacts to the human environment of each alternative and the reasons for rejecting it.)

The community had chosen two possible site locations for the clinic. At the joint meetings with the Nunapitchuk IRA and Nunapitchuk Limited Corporation environmental factors (land conditions) health and safety (proximity to local powerhouse and tank farm) and archeological considerations played a role in their choice. It is close to existing utility services and boardwalks for access. There are no adverse impacts to the human

environment of each alternative, only benefits of having a new health clinic facility with adequate spaces and adherence to existing building codes in a health care setting.

No Action Alternative [24 CFR 58.40(e)]

(Discuss the benefits and adverse impacts to the human environment of not implementing the preferred alternative).

There are no benefits to the human environment of not implementing the preferred alternative. This is a necessary project, which affects the health care delivery to all members of the community. Adverse impacts remains that health care delivery is impeded by health care delivery in a setting lacking in spaces and not code compliant, which takes the time and attention of the health care provider to constantly make adjustments for throughout the workday.

Mitigation Measures Recommended [24 CFR 58.40(d), 40 CFR 1508.20]

(Recommend feasible ways in which the proposal or its external factors should be modified in order to minimize adverse environmental impacts and restore or enhance environmental quality.)

Build to at least 1 foot above 100-year flood, or Base Flood Elevation (BFE) 92.8

Additional Studies Performed

(Attach studies or summaries)

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]

Department of the Army, U.S. Army Engineer District, Alaska, P.O. Box 6898, Elmendorf AFB, Alaska 99506-0898, Julie A. Woodke, Regulatory Specialist

U.S. Fish and Wildlife Service Office, 605 W 4th Ave, Room G61, Anchorage, AK 99501, Charla Sterne, Endangered Species Biologist.

Federal Aviation Administration, Alaska Regional Office, Air Traffic Division, ALL –530, 222 West 7th Avenue, Box 14, Anchorage, Alaska 99513-7578, Robert van Haastert, (907) 271-5454

State Historic Preservation Officer, Division of Parks and Outdoor Recreation, Office of History and Archaeology, 550 W. 7th Ave, Suite 1310, Anchorage, AK 99501, Judith Bittner

Department of Natural Resources, Office of Project Management and Permitting, Alaska Coastal Management Program, Southcentral Regional Office, 550 W. 7th Ave, Suite 1660, Anchorage, AK 9950, Cynthia Zuelow-Osborne.

State of Alaska, Department of Natural Resources Office of Project Management and Permitting Alaska Coastal Management Program, Megan Marie, Project Review Assistant

U.S. Environmental Protection Agency, Superfund Information Systems, CERCLIS Database, Customized SIS Report

U.S. Environmental Protection Agency, Nonattainment Areas Map – Criteria Air Pollutants,
Monthly Extract of EPA's Air Quality Systems database

Prime and Important Farmlands, Alaska Natural Resources Conservation Service Home

U.S. Environmental Protection Agency, Sole Source Aquifer, Todd Bender,
Bender.Todd@epamail.epa.gov

State of Alaska, Department of Environmental Conservation, Air Quality Management, 555
Cordova Street, Anchorage, AK 99501, Shelly Betlej

Nunapitchuk IRA Council, P.O. Box 130, Nunapitchuk, AK 99614, Jimmy P. Stevens, Sr. Tribal
President and Eli J. Wassillie, Tribal Council Administrator, (907) 527-5705